

Appendix G: Screening Questions for Mesa Ranger District (RD)

During the route evaluations a comprehensive list of screening questions/considerations were utilized individually by the Interdisciplinary Team for each route evaluated to clearly identify any impacts (potential and realized) and uses. This systematic and comprehensive approach was guided by process software. Specific considerations are organized by topic below.

Table 1. Sensitive Resource Considerations and Specifics

Special Status Species	Specifically
Air quality	Other
	PM10 (particulate matter) Non-attainment area - in or through
	PM10 Non-attainment area - proximate
	Possible air quality issues
	Route contributes to fugitive dust concerns
Aquatics	In or through habitat
	Management indicator species - in or through habitat
	Other
	Proximate to habitat (within ½ mile)
	Proximate to habitat (within ¼ mile, if vegetation is available to catch sediment from route)
Bald eagle – threatened (T*)	In or through habitat
	In or through nesting area
	Other
	Proximate to habitat (within ½ mile)
	Proximate to nest (within ½ mile)
	Proximate to nesting area
	Seasonal closure area
Bat colony	In or through habitat
	Other
	Proximate to habitat
Bezy's night lizard	In or through habitat
	Other
	Proximate to habitat
Cave myotis	In or through habitat
	Other
	Proximate to habitat
Caves	Known vandalism to cave
	Other
	Route provides access to
Common black hawk	In or through habitat
	Other
	Proximate to habitat

Appendix G: Screening Questions for Mesa Ranger District

Special Status Species	Specifically
Critical habitat designations	Mexican spotted owl - in or through Mexican spotted owl - proximate Other
Desert pupfish – endangered (E*)	In or through habitat
	Other
	Proximate to habitat, Mud Spring, Walnut Spring
Desert sucker	In or through habitat
	Other
	Proximate to habitat
Dumping	Illegal dumping
	Littering
	Other
Ephemeral stream	Cross
	In
	Leads to / ends at / begin at
	Other
	Proximate
Exemplary plant communities	Other (Mesquite Wash – Hanging Gardens)
Gila topminnow (E)	In or through habitat Other Proximate to habitat- Mud Spring, Walnut Spring, and Cottonwood Spring
Grassland / savannah wildlife species	In or through habitat Management indicator species - in or through habitat
	Other
	Proximate to habitat (within ¼ mile)
Harris hawk	In or through habitat
	Other
	Proximate to habitat (within ½ mile)
High density route polygon	In or through
	Other
Historic	Area(s)
	Other
	Road
	Trail(s)
Hohokam agave	In or through habitat
	Other
	Proximate to habitat (within ½ mile)
Horned lark (MIS*)	In or through habitat (desert grassland)
	Other
	Proximate to habitat

Appendix G: Screening Questions for Mesa Ranger District

Special Status Species	Specifically
Impaired (303d listed**) water body	In, along, crosses, leads to
	Other
Intermittent stream	Cross
	In
	Leads to / ends at / begin at
	Proximate, Other
Javalina	In or through
	Other
	Proximate
Known cultural area/polygon	Area of Tribal significance
	In, through or to
	Other
	Proximate
Known cultural site(s)	In, through or to
	Other
	Proximate (within 100 and 400 meters)
	Site of Tribal significance
Lakes/reservoirs	Other
	Proximate
	Route provides access to
Lesser long-nosed bat (E)	In or through habitat
	Other
	Proximate to habitat
Longfin dace	In or through habitat
	Other
	Proximate to habitat
Lowland leopard frog	In or through habitat
	Other
	Proximate to habitat
Maricopa leafnose snake	In or through habitat
	Other
	Proximate to habitat
Maricopa tiger beetle	In or through habitat
	Other
	Proximate to habitat
Mexican garter snake	In or through habitat
	Other
	Proximate to habitat

Appendix G: Screening Questions for Mesa Ranger District

Special Status Species	Specifically
Mexican spotted owl (T)	In or through habitat
	Other
	Protected activity center (PAC)- in or through
	PAC- proximate
	Proximate to habitat
Mule deer	In or through
	Other
	Proximate (within 1 mile)
National Register of Historic Places	In, through or access to
	Other
	Proximate
Obsolete viceroy butterfly	In or through habitat
	Other
	Proximate to habitat
Other	Cactus theft
	Invasive species / noxious weeds
	Invasive species / noxious weeds - potential
	Other
	Trespass
Other hazards	Mine shaft/adit
	Other
Other wildlife	Bats - low potential
	Other
Peregrine falcon	In or through habitat
	Other
	Proximate to habitat (within ¼ mile)
Perennial stream	Cross
	In
	Leads to / ends at / begin at
	Other
	Proximate
Recreation opportunity spectrum (ROS)	Primitive
	Roaded natural
	Rural
	Semi-primitive motorized
	Semi-primitive non-motorized
	Urban
Research natural area	In or through
	Other
	Proximate (within ¼ mile)

Appendix G: Screening Questions for Mesa Ranger District

Special Status Species	Specifically
Reticulate Gila monster	In or through habitat
	Other
	Proximate to habitat
Riparian	Cross
	In, along
	Leads to / ends at / begins at
	Other
	Proximate
Riparian wildlife species	In or through habitat
	Management indicator species - in or through habitat
	Other
	Proximate to habitat (within ½ mile)
	Proximate to habitat (within ¼ mile)
Inventoried roadless area	Boundary route
	Cherry stem
	In or through
	Other
	Proximate (within ¼ mile)
Roundtail chub	In or through habitat
	Other
	Proximate to habitat – Salt River
Route proliferation	Concern for route proliferation from route
	In or through route proliferation area
	Other
	Proximate to route proliferation
	Route created due to route proliferation
Soils	Area of erosive soils
	Areas of highly erosive soils
	Areas of moderately erosive soils
	Compactable soils (low soil strength)
	Known erosion scar
	Other
	Route subject to erosion concerns
	Sensitive soils
Sonora sucker	In or through habitat
	Other
	Proximate to habitat
Sonoran Desert tortoise (S*)	Occupied habitat - in or through
	Occupied habitat - proximate (within 1 mile)
	Other

Appendix G: Screening Questions for Mesa Ranger District

Special Status Species	Specifically
	Suspected habitat- in or through
	Suspected habitat- proximate
Southwestern willow flycatcher (E)	In or through habitat
	In or through suitable/unoccupied habitat at Whitlow Flood control Dam
	Other
	Proximate to habitat
Speckled dace	In or through
Spotted bat	In or through habitat
	Other
	Proximate to habitat
Suspected/modeled cultural site(s)/areas(s)	In, through or to
	In, through or to high probability area
	In, through or to possible area
	Other
	Proximate
	Proximate to high probability area
	Proximate to possible area
Tonto Basin agave	In or through habitat
	Other
	Proximate to habitat
Upland wildlife species	In or through habitat
	Management indicator species - in or through habitat
	Other
	Proximate to habitat (within ½ mile)
	Proximate to habitat (within ¼ mile, unless major route)
Vegetation	Chaparral
	Piñon juniper
	Ponderosa pine
	Riparian
	Riparian - broad leaf
	Riparian - scrub shrub
	Semi-desert grassland
	Sonoran Desert - burned
	Sonoran Desert - unburned
	Sonoran Desert scrub
	Upland
Visual quality objective (VQO)	Maximum modification
	Modification
	Partial retention

Appendix G: Screening Questions for Mesa Ranger District

Special Status Species	Specifically
	Preservation
	Retention
Wash	Cross
	In
	Leads to / ends at / begin at
	Other
	Proximate
Wild and Scenic Rivers	Other
	Scenic - in, along, crosses, access
	Wild - eligible for potential designation
	Wild - in, along, crosses, access
Wilderness	Boundary route
	Cherry-stemmed into wilderness
	In
	Leads to wilderness
	Other
	Proximate
Wildlife Habitat Management Area (WHMA)	Other
Yellow billed cuckoo	In or through habitat
	Other
	Proximate to habitat
Yuma clapper rail (E)	In or through habitat
	Other
	Proximate to habitat

Table 2. Commercial and Administrative Uses

Commercial, Admin, Property Uses	Specifically
Administrative uses	Access to developed recreation site
	Administrative gate
	Administrative site
	Barrow pit
	Compliance/enforcement monitoring
	Emergency fence
	Exclosure fence
	Monitoring site
	Other
	Predator control
	Resource treatment

Appendix G: Screening Questions for Mesa Ranger District

Commercial, Admin, Property Uses	Specifically
	Vehicle exclosure fence / barriers
	Weather station
	Weed abatement
	Well
	Wildlife agency monitoring
	Wildlife catchment
	Wildlife water / guzzler
Land Access	Bureau of Land Management (BLM) land access
	City land access
	County land access
	Forest Service – Globe Ranger District
	Forest Service – Cave Creek Ranger District
	Forest Service – Payson Ranger District
	Forest Service – Tonto Basin Ranger District
	Other
	Private property access
	State Trust land access
	Tribal Nation land access
Mining	Active mine(s)
	Gate
	Inactive mine(s)
	Material pit
	Mining claim(s)
	Other
Officially recognized in Federal planning document and maintained	Federal planning document
	System route
	System trail
Other	Apiary site
	Commercial recreation (resorts, marinas, and tours, etc.)
	Commercial recreation use permit
	Other
Range	Active allotment
	Allotment boundary fenceline
	Cattleguard
	Corral
	Fenceline (not allotment boundary fenceline)
	Gate
	Other
	Pipeline

Appendix G: Screening Questions for Mesa Ranger District

Commercial, Admin, Property Uses	Specifically
	Ranch
	Ranch headquarters
	Ranch management
	Sheep driveway
	Spring(s)
	Tank, trough
	Water catchment
	Windmill
	Well
Tourism / economics	Connectivity (inter-regional or intra-regional)
	Route is recognized as contributing to the local economy (tourism)
	Route is recognized in a local plan (inter-agency planning)
Utilities	Communication site / cell site
	Electrical transmission / powerline
	Gas pipeline
	Gate
	Other
	Railroad
	Special use permit- access to utility
	Telephone
	Utility corridor
	Water pipeline
Wildland fires	Access to look-outs
	Escape route for wildland urban interface (WUI)
	Fire suppression

Table 3. Recreational Uses

Recreation
All-terrain vehicles (ATV)
Birding
Boating
Camping - developed
Camping - dispersed
Camping - organization camp, adjacent
Commercial public service site (resort, marina, etc.)
Commercial recreation permit
Cultural exploration

Appendix G: Screening Questions for Mesa Ranger District

Recreation
Equestrian
Firewood gathering - illegal
Firewood gathering - legal
Fishing
Geocaching
Great Western Trail - current alignment
Great Western Trail - proposed alignment
High clearance / stock 4WD
Hiking
Hill climbing
Historical exploration
Historic and scenic highway (Apache Trail)
Hot springs
Hunting
Interpretative site
Lake / reservoir access
Modified 4WD
Motorcycle trials
Motorcycle use
Motorized generally
Mountain biking
Off-highway vehicle (OHV) touring
Other
Paintball
Parking area - improved
Parking area - unimproved
Permitted equestrian
Permitted motorcycle / ATV
Picnic site/area
River and stream access / put in-out
Rockhounding
Route contributes to public safety
Route contributes to user conflicts
Route helps minimize user conflicts
Route is a concern for public safety
Shooting
Special recreation use permit(s)
Spiritual visitors
Staging area
Sports utility vehicle (SUV) touring
Technical, trail (extreme/rock crawling within trails)

Appendix G: Screening Questions for Mesa Ranger District

Recreation
Trailhead(s)
Utility vehicles (UTV)
Vistas, sightseeing, photography
Wilderness / WSR Access
Wildlife watching

* Special status species definitions are provided in Appendix B - Status Definitions

** Arizona Department of Environmental Quality. 2008. 2006/2008 Integrated 305(b) Assessment and 303(d) Listing Report